

Comparisons of Job Characteristics

Focus Occupation: Forestry and Conservation Science Teachers, Postsecondary (25-1043)

Associated Occupation: Forest and Conservation Technicians (19-4093)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 63

Focus Occupation: Forestry and Conservation Science Teachers, Postsecondary (25-1043)

Associated Occupation: Forest and Conservation Technicians (19-4093)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Geography	3.9	13.3	13.0	0	Current knowledge level may be sufficient
Transportation	4.6	11.5	4.6	<<	Extensive education and/or training may be required
Biology	3.7	9.4	18.0	>>	Current knowledge level is likely more than sufficient
History and Archeology	2.6	8.4	6.5	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Forestry and Conservation Science Teachers, Postsecondary (25-1043)

Associated Occupation: Forest and Conservation Technicians (19-4093)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Management of Personnel Resources	6.9	9.1	8.1	<	A higher skill level may be required
Mathematics	6.2	9.1	6.1	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	5.3	1.2	<<	Extensive development of skills in this area may be required
Programming	2.2	4.6	1.3	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 67			
Focus Occupation: Forestry and Conservation Science Teachers, Postsecondary (25-1043) Associated Occupation: Forest and Conservation Technicians (19-4093)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	11.9	6.6	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	9.2	3.0	<<	Extensive improvement in abilities may be required
Stamina	4.0	8.0	1.0	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	7.4	1.0	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	7.0	1.0	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.9	1.0	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	6.5	1.0	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	6.4	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87
Focus Occupation: Forestry and Conservation Science Teachers, Postsecondary (25-1043) Associated Occupation: Forest and Conservation Technicians (19-4093)		
Work Activities	Exclusivity of Activity	
Conduct field research or investigative studies	52	
Conduct laboratory research or experiments	57	
Use forestry, range, or other public land management techniques	92	
Use knowledge of environmental laws and regulations	76	
Use oral or written communication techniques	1	
Use public speaking techniques	13	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Forestry and Conservation Science Teachers, Postsecondary (25-1043)

Associated Occupation: Forest and Conservation Technicians (19-4093)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.